

FIG 1 (prior art)

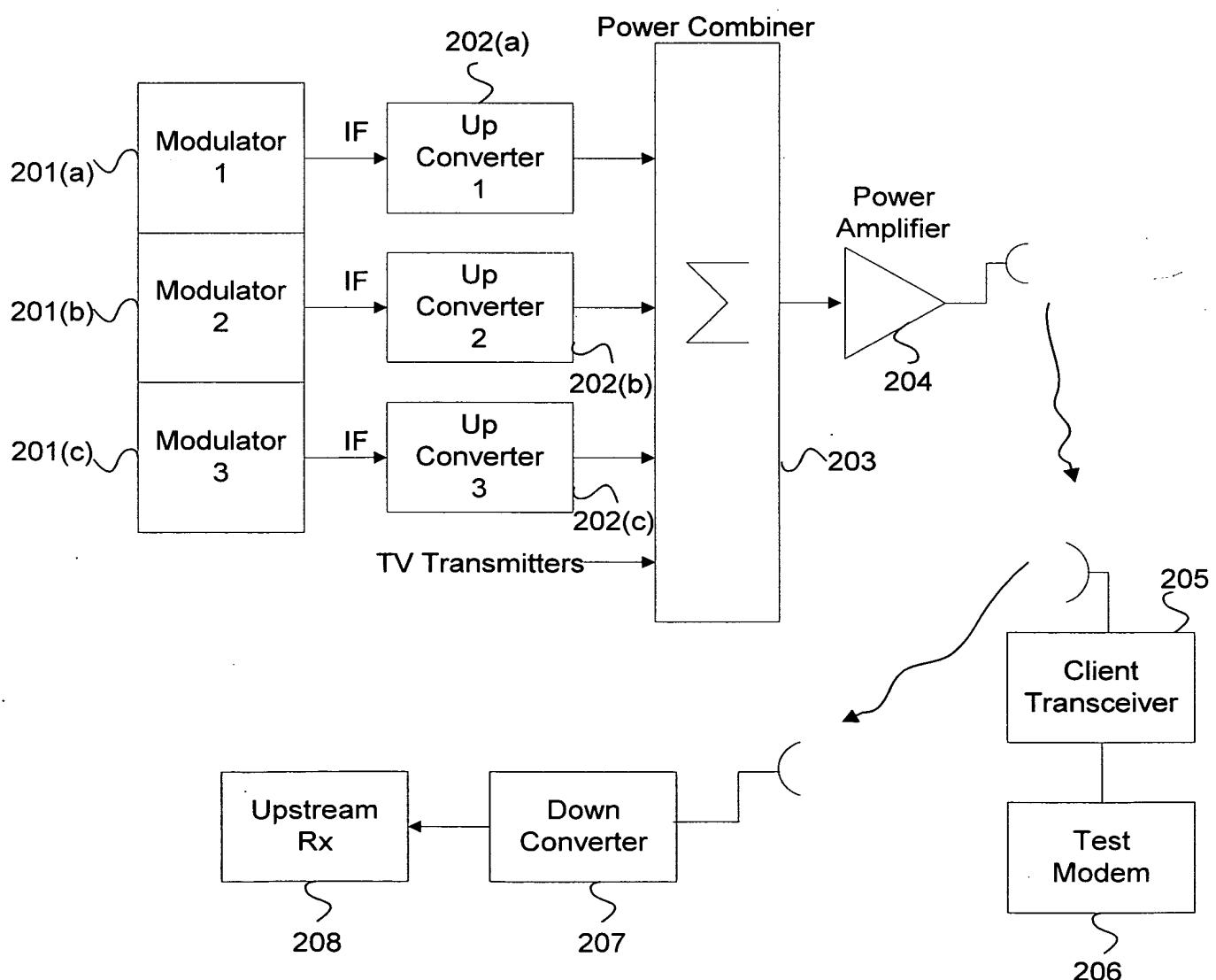


FIG 2 (prior art)

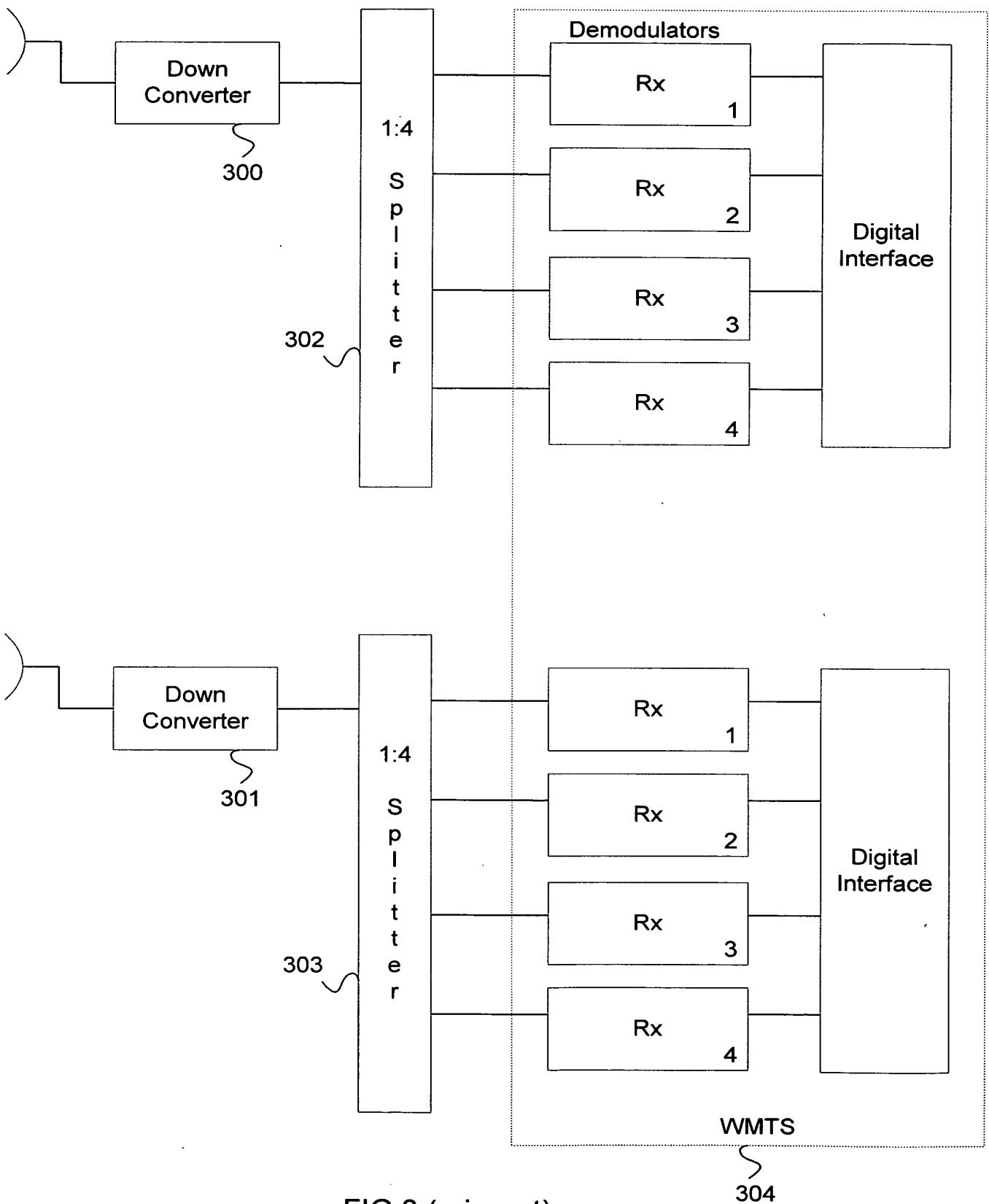


FIG 3 (prior art)

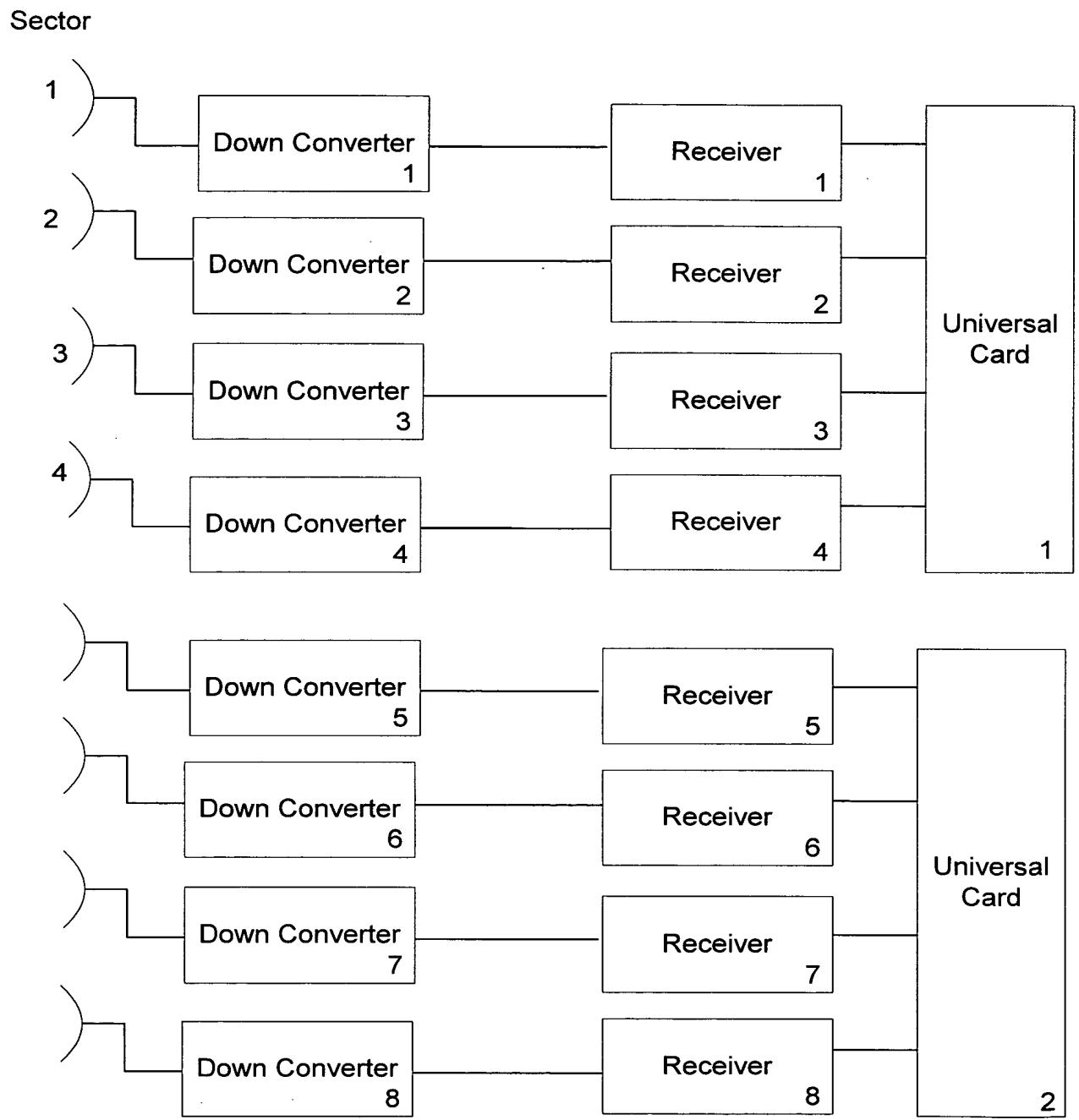


FIG 4 (prior art)

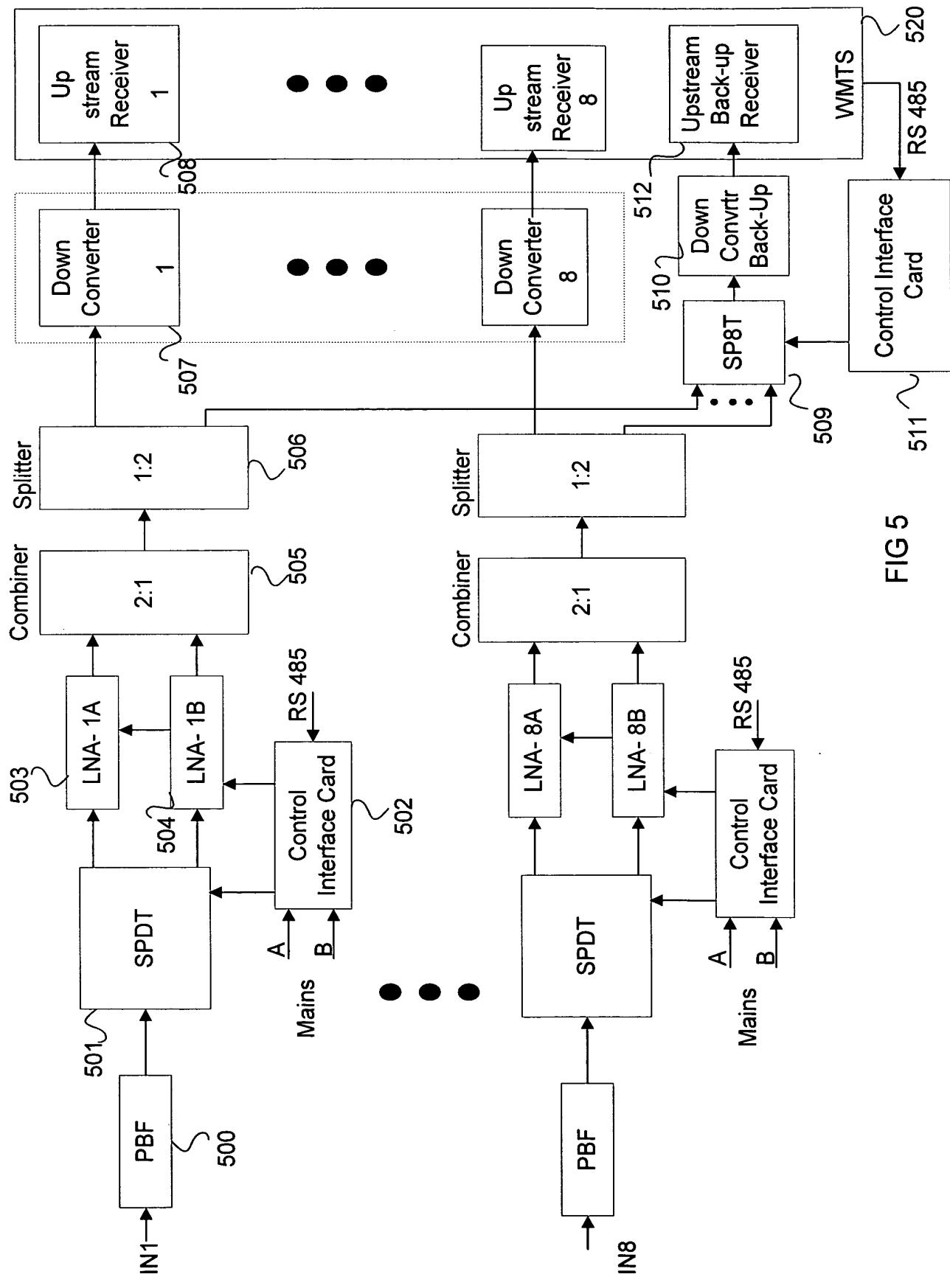


FIG 5

RS 485 520

WMTS

Control Interface Card

509

511

RS 485
Mains A B

IN8

PBF

PBF

Combiner
Splitter
1:2

Down Converter
8

Up stream
Receiver
8

Up stream
Back-up
Receiver

Down
Convrtn
Back-Up

Up stream
Receiver
1

Down Converter
1

Control
Interface Card
RS 485
Mains A B

Combiner
Splitter
1:2

Down Converter
1

Up stream
Receiver
1

Control
Interface Card
RS 485
Mains A B

Up stream
Back-up
Receiver

Down
Convrtn
Back-Up

SP8T

WMTS

Control Interface Card

RS 485 520

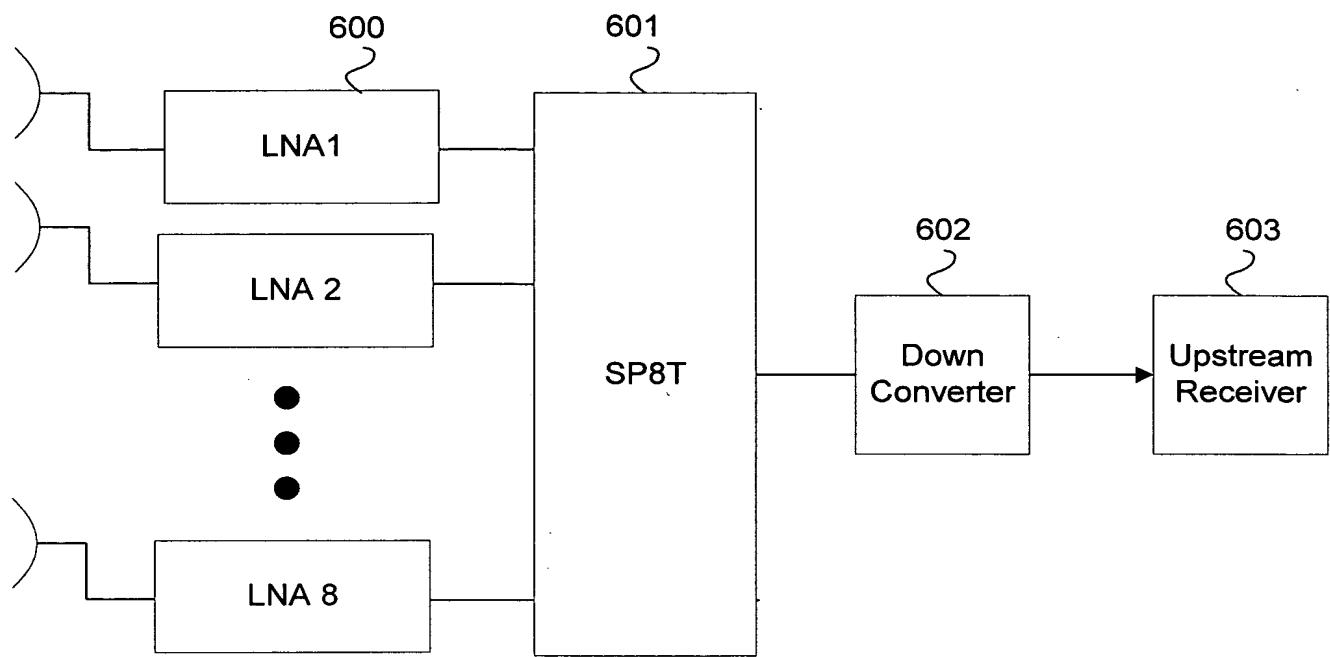


FIG 6

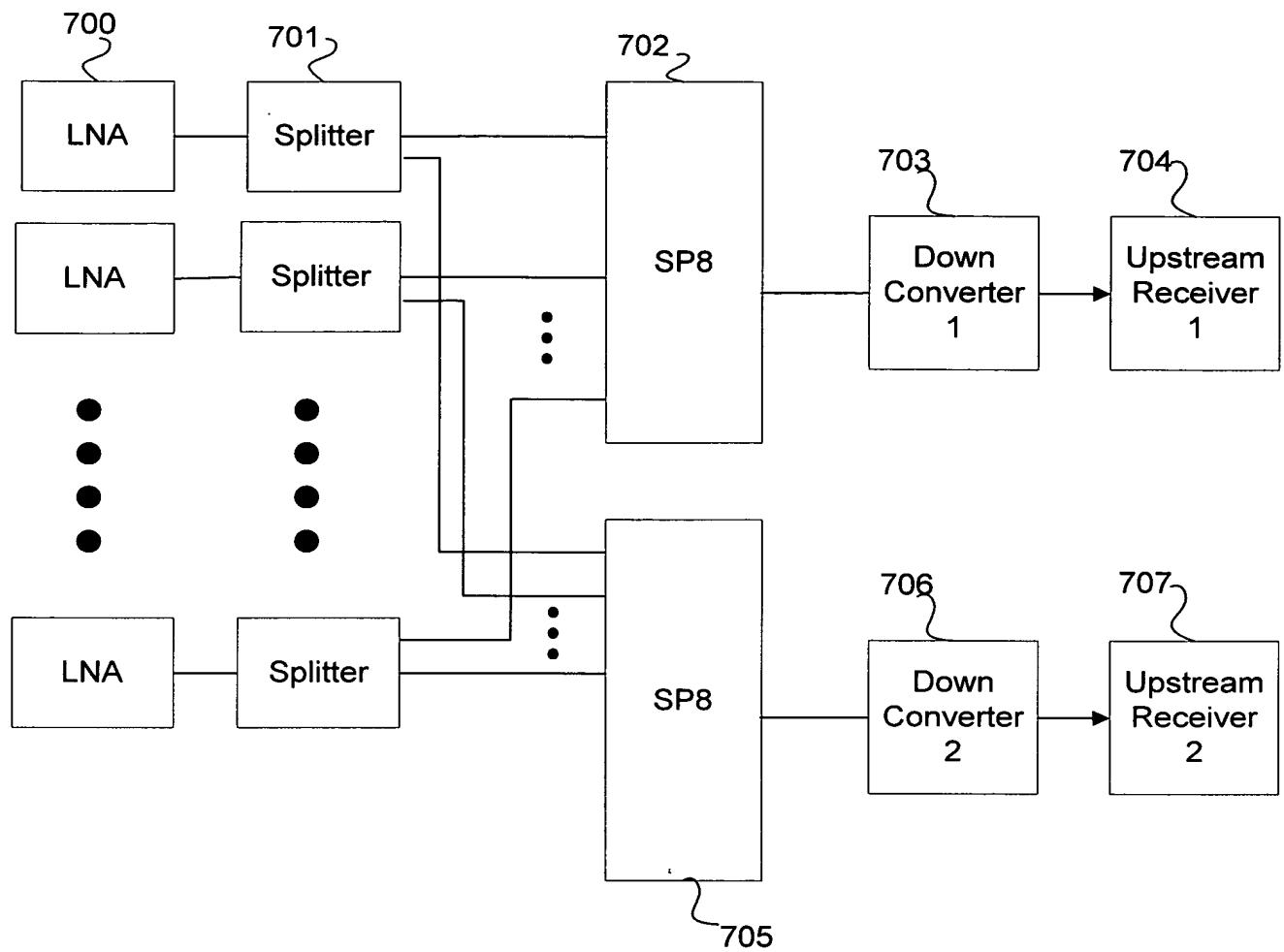


FIG 7